JP 2011-028660

FIG. 1

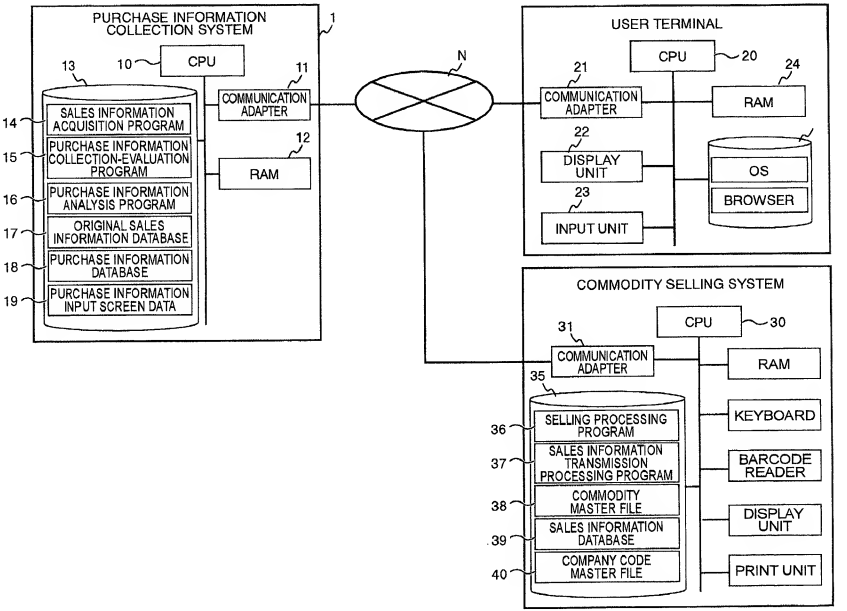

FIG. 2

| COMMODITY CODE | BRAND NAME | UNIT PRICE |
|---|---|---|
| 49101 | E-FOOD | 1000 |
| 49202 | F-FOOD | 500 |
| 49201 | G-FOOD | 500 |
| 49102 | H-FOOD | 500 |

FIG. 3

| COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM |
|---|---|---|---|---|---|---|---|
| 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 |
| 001 | 10 | 2000/12/24 | 001 | 49202 | 500 | 2 | 1000 |
| 001 | 10 | 2000/12/24 | 002 | 49201 | 500 | 2 | 1000 |
| 001 | 10 | 2000/12/24 | 003 | 49102 | 500 | 1 | 500 |

FIG. 4

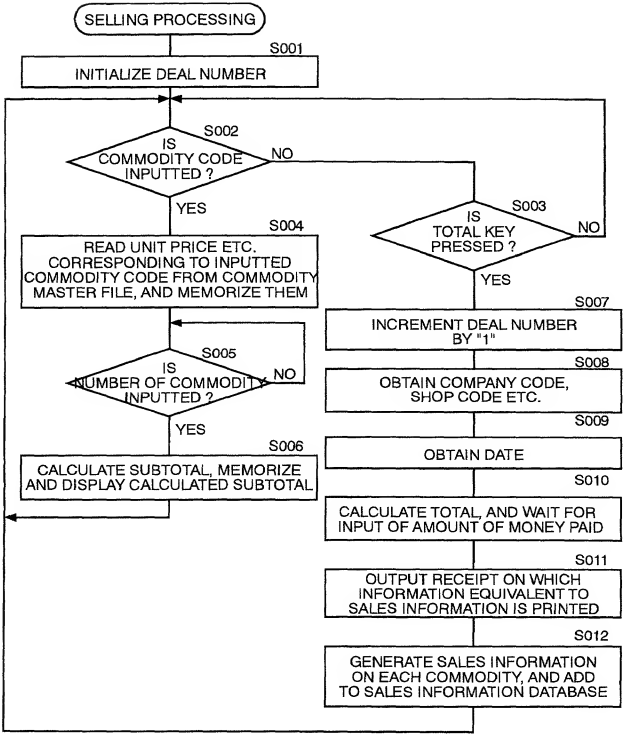


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FIG. 5

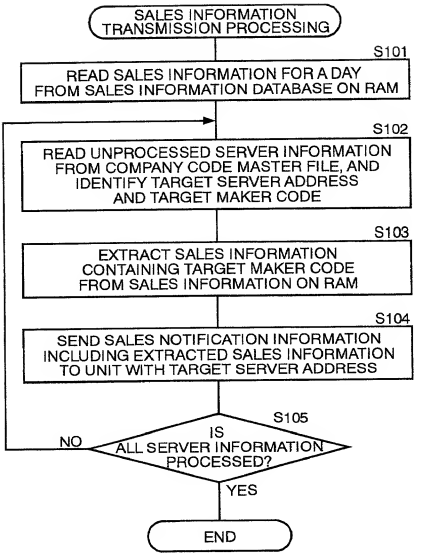
SALES INFORMATION TRANSMISSION PROCESSING
S101
READ SALES INFORMATION FOR A DAY FROM SALES INFORMATION DATABASE ON RAM
S102
READ UNPROCESSED SERVER INFORMATION FROM COMPANY CODE MASTER FILE, AND IDENTIFY TARGET SERVER ADDRESS AND TARGET MAKER CODE
S103
EXTRACT SALES INFORMATION CONTAINING TARGET MAKER CODE FROM SALES INFORMATION ON RAM
S104
SEND SALES NOTIFICATION INFORMATION INCLUDING EXTRACTED SALES INFORMATION TO UNIT WITH TARGET SERVER ADDRESS
S105
IS ALL SERVER INFORMATION PROCESSED?
NO
YES
END

FIG. 6

| COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM | U-FLAG |
|---|---|---|---|---|---|---|---|---|
| 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 | 0 |
| 001 | 10 | 2000/12/24 | 003 | 49102 | 500 | 1 | 500 | 0 |
| 002 | 222 | 2000/12/25 | 060 | 49101 | 1000 | 1 | 1000 | 0 |
| 002 | 222 | 2000/12/25 | 070 | 49101 | 1000 | 1 | 1000 | 0 |

FIG. 7

| NAME | ZIP CODE | ADDRESS | AGE | OCCU PATION | COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM | EVALUATION RESULT IDENTIFIER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FUJITSU TARO | 140-8508 | TOKYO .. | 30 | OFFICE WORKER | 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 | OK |
| FUJITSU TARO | 140-8508 | TOKYO .. | 30 | OFFICE WORKER | 002 | 222 | 2000/12/25 | 066 | 49101 | 1000 | 1 | 1000 | NG |
| FUJITSU TARO | 140-8508 | TOKYO .. | 30 | OFFICE WORKER | 003 | 11 | 2000/12/25 | 010 | 49201 | 1000 | 1 | 1000 | UNIDENTIFIED |

FIG. 8

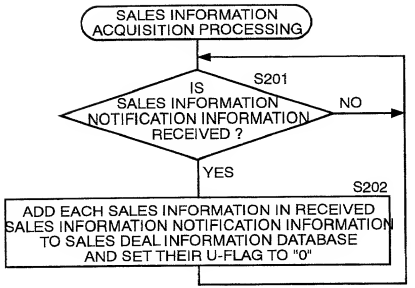
SALES INFORMATION ACQUISITION PROCESSING
S201
IS SALES INFORMATION NOTIFICATION INFORMATION RECEIVED ?
NO
YES
S202
ADD EACH SALES INFORMATION IN RECEIVED SALES INFORMATION NOTIFICATION INFORMATION TO SALES DEAL INFORMATION DATABASE AND SET THEIR U-FLAG TO "0"

FIG. 9

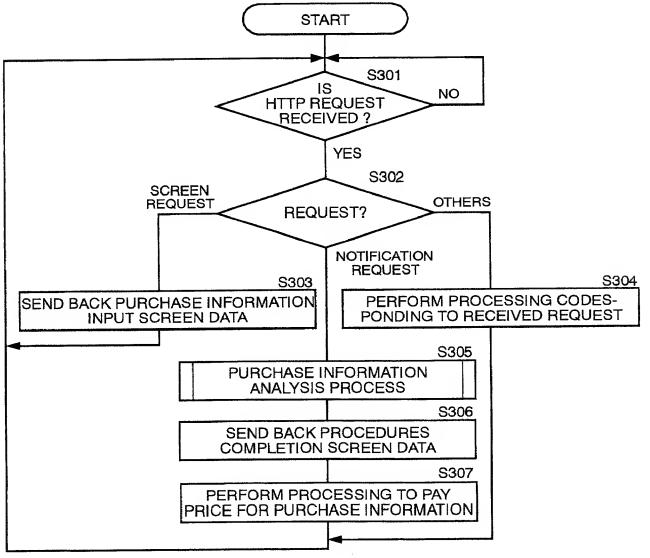
START
S301
IS HTTP REQUEST RECEIVED ?
NO
YES
S302
REQUEST?
SCREEN REQUEST
OTHERS
NOTIFICATION REQUEST
S303
SEND BACK PURCHASE INFORMATION INPUT SCREEN DATA
S304
PERFORM PROCESSING CODES-PONDING TO RECEIVED REQUEST
S305
PURCHASE INFORMATION ANALYSIS PROCESS
S306
SEND BACK PROCEDURES COMPLETION SCREEN DATA
S307
PERFORM PROCESSING TO PAY PRICE FOR PURCHASE INFORMATION

FIG. 10

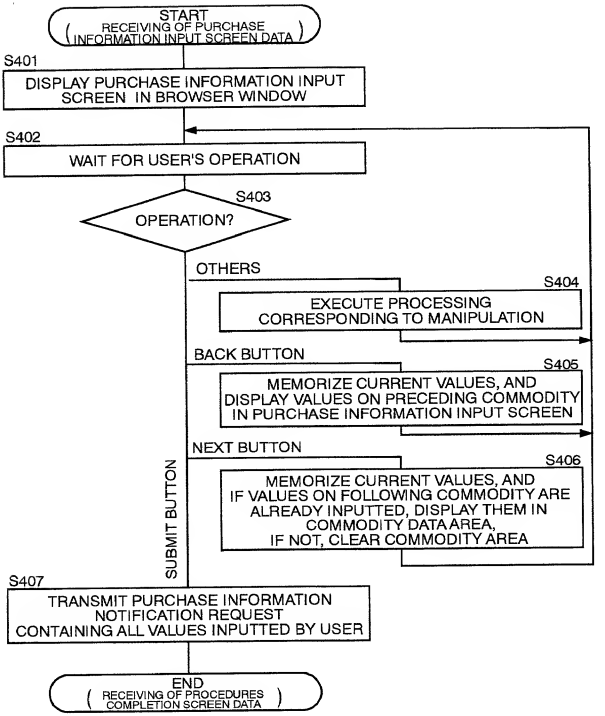
START
RECEIVING OF PURCHASE INFORMATION INPUT SCREEN DATA
S401
DISPLAY PURCHASE INFORMATION INPUT SCREEN IN BROWSER WINDOW
S402
WAIT FOR USER'S OPERATION
S403
OPERATION?
OTHERS
S404
EXECUTE PROCESSING CORRESPONDING TO MANIPULATION
BACK BUTTON
S405
MEMORIZE CURRENT VALUES, AND DISPLAY VALUES ON PRECEDING COMMODITY IN PURCHASE INFORMATION INPUT SCREEN
NEXT BUTTON
S406
MEMORIZE CURRENT VALUES, AND IF VALUES ON FOLLOWING COMMODITY ARE ALREADY INPUTTED, DISPLAY THEM IN COMMODITY DATA AREA, IF NOT, CLEAR COMMODITY AREA
SUBMIT BUTTON
S407
TRANSMIT PURCHASE INFORMATION NOTIFICATION REQUEST CONTAINING ALL VALUES INPUTTED BY USER
END
RECEIVING OF PROCEDURES COMPLETION SCREEN DATA

FIG. 11

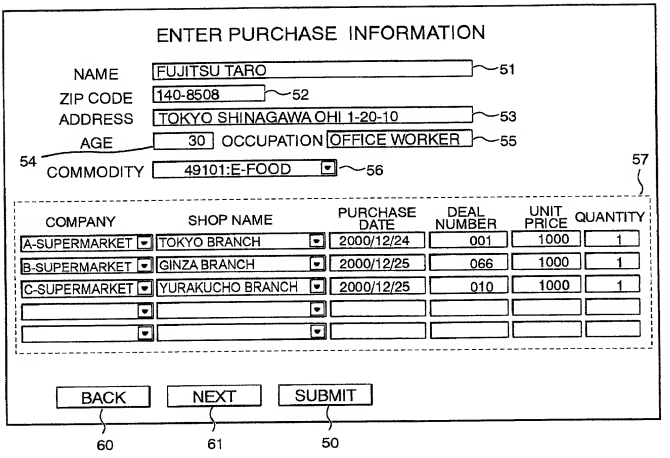


FIG. 12

| NAME | ZIP CODE | ADDRESS | AGE | OCCUPATION |
|---|---|---|---|---|
| FUJITSU TARO | 140-8508 | TOKYO .. | 30 | OFFICE WORKER |

| COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM |
|---|---|---|---|---|---|---|---|
| 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 |
| 002 | 222 | 2000/12/25 | 066 | 49101 | 1000 | 1 | 1000 |
| 003 | 11 | 2000/12/25 | 010 | 49101 | 1000 | 1 | 1000 |

FIG. 13

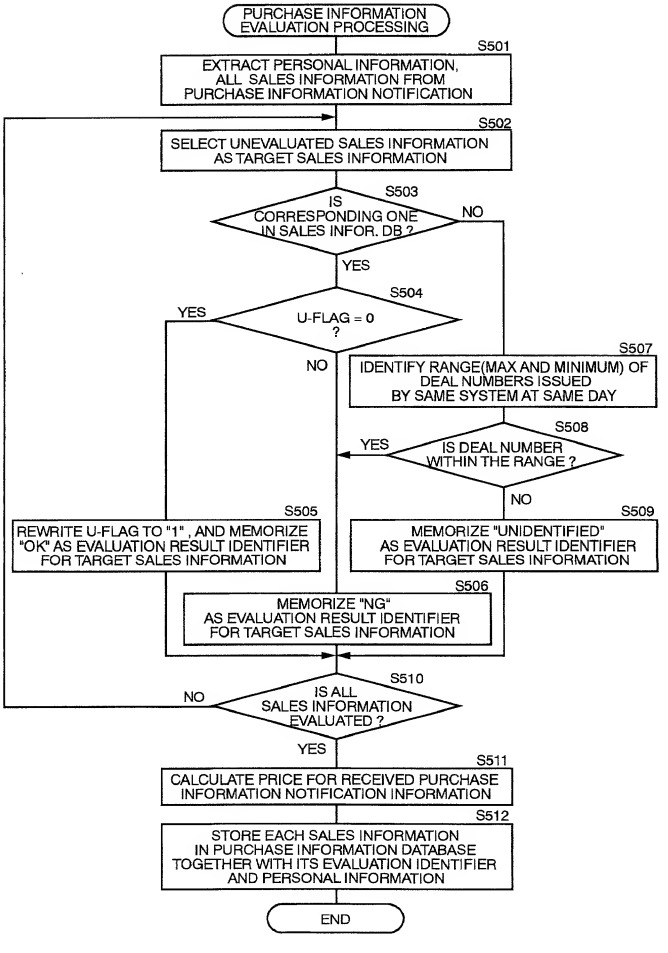
PURCHASE INFORMATION EVALUATION PROCESSING
S501
EXTRACT PERSONAL INFORMATION, ALL SALES INFORMATION FROM PURCHASE INFORMATION NOTIFICATION
S502
SELECT UNEVALUATED SALES INFORMATION AS TARGET SALES INFORMATION
S503
IS CORRESPONDING ONE IN SALES INFOR. DB ?
NO
YES
S504
U-FLAG = 0 ?
YES
NO
S507
IDENTIFY RANGE(MAX AND MINIMUM) OF DEAL NUMBERS ISSUED BY SAME SYSTEM AT SAME DAY
S508
IS DEAL NUMBER WITHIN THE RANGE ?
YES
NO
S505
REWRITE U-FLAG TO "1" , AND MEMORIZE "OK" AS EVALUATION RESULT IDENTIFIER FOR TARGET SALES INFORMATION
S509
MEMORIZE "UNIDENTIFIED" AS EVALUATION RESULT IDENTIFIER FOR TARGET SALES INFORMATION
S506
MEMORIZE "NG" AS EVALUATION RESULT IDENTIFIER FOR TARGET SALES INFORMATION
S510
IS ALL SALES INFORMATION EVALUATED ?
NO
YES
S511
CALCULATE PRICE FOR RECEIVED PURCHASE INFORMATION NOTIFICATION INFORMATION
S512
STORE EACH SALES INFORMATION IN PURCHASE INFORMATION DATABASE TOGETHER WITH ITS EVALUATION IDENTIFIER AND PERSONAL INFORMATION
END

FIG. 14

| COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM |
|---|---|---|---|---|---|---|---|
| 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 |
| 001 | 10 | 2000/12/24 | 001 | 49202 | 500 | 2 | 1000 |

FIG. 15

| COMPANY CODE | SHOP CODE | DATE | DEAL NUMBER | COMMODITY CODE | UNIT PRICE | QUAN-TITY | SUM |
|---|---|---|---|---|---|---|---|
| 001 | 10 | 2000/12/24 | 001 | 49101 | 1000 | 1 | 1000 |
| 001 | 10 | 2000/12/24 | 003 | 49102 | 500 | 1 | 500 |

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